DAILY ONLINE ACTIVITIES SUMMARY

Date:	**20/05/2020**	**Name:**	**Shetty Sonali Sanjeeva**
Sem & Sec	**8th B**	**USN:**	**4AL16CS123**

Online Test Summary

Subject	**IOT**		
Max. Marks	**30**	**Score**	**26**

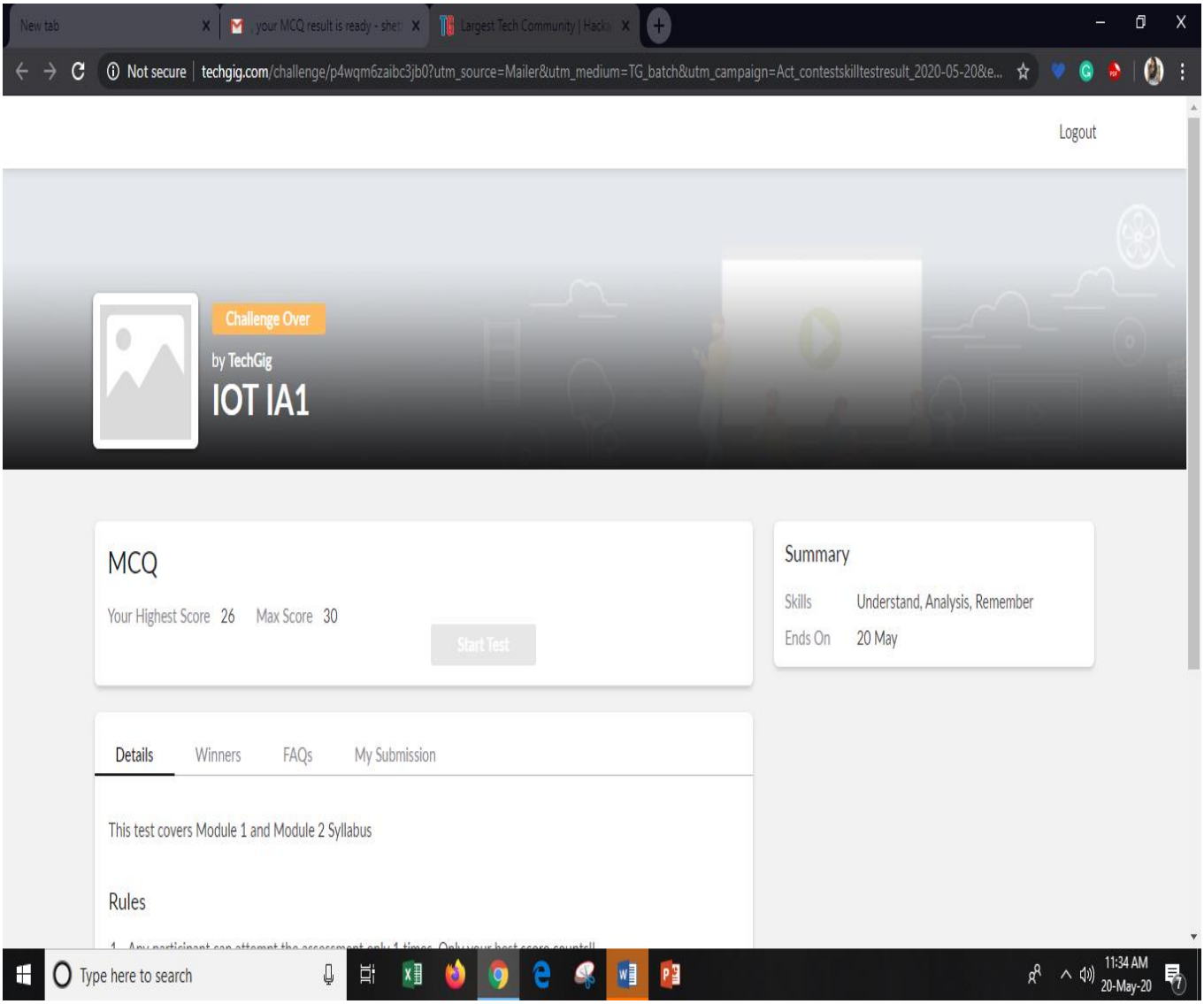
Certification Course Summary

Course	Network Virtualization Concepts		
Certificate Provider	**VMWARE IT Academy**	**Duration**	**9 HOURS**

Coding Challenges

Problem Statement: Write a C Program to Reverse a Linked List in groups of given size.	
Status: Solved	
Uploaded the report in Github	**yes**
If yes Repository name	**SONALISHETTY**
Uploaded the report in slack	**yes**

Online Test Details:



Certification Course Details:

Businesses use virtualization to build large clouds to serve millions of people. Virtualization can be a powerful tool for any one from public clouds to personal computers. You can use virtualization to run multiple operating systems on a single computer or backup your computer as a virtual machine. VMware IT Academy helps learners study cloud and virtualization**.**

THIS IS THE BADGE I RECEIVED ON COMPLETION OF THE COURSE

IT Academy: Network Virtualization Concepts

Issuer: VMware

Coding Challenges Details:

program1:

```
struct Node

{

int data;

struct Node* next;

};

pointer to the new head node. /

struct Node reverse (struct Node head, int k)

{

struct Node current = head;

struct Node next = NULL;

struct Node prev = NULL;

int count = 0;


while (current != NULL && count < k)

{

   next  = current->next;

   current->next = prev;

   prev = current;

   current = next;

   count++;

}
```

```
if (next !=  NULL)
   head->next = reverse(next, k);
return prev;
}
void push(struct Node** head_ref, int new_data)
{
struct Node* new_node =
(struct Node*) malloc(sizeof(struct Node));
new_node->data  = new_data;
new_node->next = (*head_ref);
(*head_ref)    = new_node;
}
void printList(struct Node *node)
{
while (node != NULL)
{
printf("%d ", node->data);
node = node->next;
}
}
int main(void)
{
struct Node* head = NULL;
push(&head, 8);
```

```
push(&head, 7);

push(&head, 6);

push(&head, 5);

push(&head, 4);

push(&head, 3);

push(&head, 2);

push(&head, 1);

 printf("\nGiven linked list \n");

 printList(head);

 head = reverse(head, 2);


 printf("\nReversed Linked list \n");

 printList(head);


 return(0);
```